

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2653810 A3 20160518 (EN)

Application
EP 13163884 A 20130416

Priority
• KR 20120039387 A 20120416
• KR 20120044021 A 20120426

Abstract (en)
[origin: EP2653810A2] A refrigerator according to the present disclosure includes a refrigerator main body having a compartment to store foods, and a door to open and close the compartment, wherein the door includes a door main body, a door handle movably disposed on the door main body to actuate the door main body to be easily open, a slider protruding toward the refrigerator main body in response to movement of the door handle, a driving force transfer unit located between the door handle and the slider to transfer a driving force, generated upon pulling the door handle, to the slider, and a pocket housing partially buried into the door main body and receiving therein the door handle, the slider and the driving force transfer unit to be individually detachable. This configuration may facilitate for opening of the for the refrigerator and for inspection and replacement of components of the driving force transfer unit.

IPC 8 full level
F25D 23/02 (2006.01)

CPC (source: EP US)
F25D 23/00 (2013.01 - US); **F25D 23/028** (2013.01 - EP US)

Citation (search report)
• [XYI] US 2011132024 A1 20110609 - LIM JAE HOON [KR], et al
• [X] US 2011241512 A1 20111006 - JUNG SANG GYU [KR], et al
• [X] US 2011297686 A1 20111208 - LIM JAE HOON [KR], et al
• [I] EP 1426537 A2 20040609 - SMEG SPA [IT]
• [Y] US 2011050066 A1 20110303 - LEE SUK-MIN [KR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2653810 A2 20131023; EP 2653810 A3 20160518; EP 2653810 B1 20180328; CN 103375960 A 20131030; CN 103375960 B 20160601; US 2013270990 A1 20131017; US 9506685 B2 20161129

DOCDB simple family (application)
EP 13163884 A 20130416; CN 201310131678 A 20130416; US 201313862982 A 20130415